Rec'd ST/PFO 25 JAN 2005
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PCT/JP03/10251

A. CLAS	SIFICATION OF SUBJECT MATTER . Cl ⁷ C01G3/10		
According	to International Patent Classification (IPC) or to both	national classification and IPC	
	PS SEARCHED	r national classification and IPC	
Minimum o	locumentation searched (classification system follow C1 C01G1/00-23/08	ed by classification symbols)	·
Koka	tion searched other than minimum documentation to uyo Shinan Koho 1922-199 i Jitsuyo Shinan Koho 1971-200	3 Jitsuyo Shinan Torok	an Koho 1994-2003 Ru Koho 1996-2003
Electronic of CAS	lata base consulted during the international search (nonline	ame of data base and, where practic	able, search terms used)
C. DOCU	MENTS CONSIDERED TO BE RELEVANT	·	
Category*	Citation of document, with indication, where	appropriate, of the relevant passage	s Relevant to claim No.
A A	JP 2001-31419 A (Sumitomo M Ltd.), 06 February, 2001 (06.02.01 Description; page 2, right opage 3, left column, line 1 (Family: none)	Metal Mining Co.,), column, line 49 to	1-2,4 3,5-13
X A	JP 05-262523 A (Sumitomo Me 12 October, 1993 (12.10.93), Description; page 2, right (Family: none)		1 2 5
X A	JP 47-40634 B1 (Nittetsu Mi 14 October, 1972 (14.10.72), Description; page 1, left column, line 17; page 2, left right column, line 28 (Family: none)	olumn line 35 to mi	6-13 1-5
	documents are listed in the continuation of Box C.	See patent family annex.	
A" documer consider date L" documer cited to e special red documer means P" documen than the content of the action	categories of cited documents: In the defining the general state of the art which is not ad to be of particular relevance becoment but published on or after the international filing in which may throw doubts on priority claim(s) or which is establish the publication date of another citation or other eason (as specified) it referring to an oral disclosure, use, exhibition or other t published prior to the international filing date but later priority date claimed tual completion of the international search vember, 2003 (06.11.03)	"X" document of particular relevant considered novel or cannot be a step when the document is take	ce; the claimed invention cannot be considered to involve an inventive an alone ce; the claimed invention cannot be live step when the document is er such documents, such a person skilled in the art patent family
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INTERNATIONAL SEARCH REPORT

Internation No.
PCT/JP03/10251

	tion). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 09-202619 A (Sumitomo Bakelite Co., Ltd.), 05 August, 1997 (05.08.97), (Family: none)	
A	<pre>JP 07-53213 A (Sumitomo Metal Mining Co., Ltd.), 28 February, 1995 (28.02.95), (Family: none)</pre>	1-13.
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